

CRITICAL CARE ASSEMBLY NEWSLETTER

EDITED BY ROY BOWER, ASSEMBLY CHAIR

AMERICAN THORACIC SOCIETY

Spring 2005

Officers of the CC Assembly:

Assembly Chariman
2003-2005: Roy Brower
rbrower@jhmi.edu

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Anzueto@uthscsa.edu

Program Chairman
2004-2005: Nicholas Hill
nhill@tufts-nemc.org

Program Chairman-elect
2004-2005: Scott K. Epstein
Scott_epstein@cchcs.org

Nominating Committee Chair
2004-2005: Jesse B. Hall, MD
jhall@medicine.bsd.uchicago.edu

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INSIDE THIS ISSUE:

Assembly on Critical Care Projects	2
Get Involved In Our Assembly	3
FY2006 Assmly/Committee Project Forms are Available!	3
ATS 2005-San Diego Sessions Sponsored by the Assembly on Critical Care	4-5
Assembly on Critical Care Website	6
Assembly on Critical Care Committees and Officers	6
PAR	6-8
Assembly on Critical Care Membership Meeting	8

Message From Assembly Chair

Roy Brower, MD

Dear Assembly on Critical Care Members,

Warm greetings! This newsletter contains some information about the Assembly on Critical Care (CC) activities since the last ATS

Assembly on CC Projects

Assembly projects represent important activities of Assembly on CC members. Examples of current Assembly on CC projects are:

1. "International Consensus Conferences (ICC) in Critical Care"

These Conferences began in 1992 and have occurred at one to two year intervals. They were initially sponsored by the Société de Réanimation de Langue Française (SRLF), the European Society of Intensive Care Medicine (ESICM) and the ATS. The European Respiratory Society (ERS) and the Society of Critical Care Medicine (SCCM) have also recently joined. Each Conference focuses on a critical care clinical issue about which there is some supporting

International Conference in May 2004 and about the 2005 International Conference, which will be held in San Diego, California, from May 20-25, 2005.

evidence, but also substantial controversy. The format for the Conferences includes "expert testimony" and extensive discussions on several key questions pertinent to the topic. A consensus report is then prepared by a "jury" and published in sponsoring societies' journals and websites. Earlier topics included: tissue hypoxia, ventilator-associated lung injury, non-invasive ventilation, ICU-acquired pneumonia, challenges in end-of-life care and pancreatitis. A Conference on weaning from mechanical ventilation was conducted in April 2005 in Budapest, Hungary. Taylor Thompson, M.D., and Amal Jubran, M.D., are the Assembly on CC representatives to the ICC organizing committee.

(Continued on page 2)

Assembly on CC Projects Cont'd

(Continued from page 1)

2. "Scholarship Grant for Young Fellows of Developing Countries"

This project is organized by our Assembly's International Affairs Committee, chaired by Elisa Estenssoro, M.D. Its purpose is to provide assistance to promising young academic physicians of developing countries so they can attend the ATS International Conference. Candidates must be younger than 40 years of age and work in the field of critical care in their countries of origin. This year there were 42 candidates from all over the world, most of whom were highly qualified. We congratulate this year's awardees: Muhammad Aslam Khan (Pakistan), JoAnne Richards (South Africa), J.R. Raja (India), Daniela Vasquez (Argentina) and Juliana Ribeiro de Carvalho (Brazil).

3. "Prioritizing the Organization and Management of Intensive Care Services" (PrOMIS)

This project is an important sequel to two previous Assembly Projects. In 2000, the Committee on Manpower and Critical Care Societies (COMPACCS), which consists of representatives of the ATS, the SCCM and the American College of Chest Physicians (ACCP), published a report in the Journal of

the American Medical Association (JAMA) that focused on the growing shortage of critical care providers in the United States. This effort was followed by Framing Options for Critical Care in the United States (FOCCUS), which consists of representatives of the SCCM, the American Association of Critical Care Nurses (AACCN) and the ACCP, as well as the ATS. FOCCUS prepared several reports to summarize the professional societies' recommendations for improving the quality, efficiency and availability of critical care services in the future.

PrOMIS is another effort of the same four societies. The purpose of PrOMIS is to broaden the discussion and consensus by gaining input from other "stakeholder" groups, including patients, insurance companies and representatives of federal and state health care programs. The stakeholder groups have been identified and representatives have been invited to join. A conference is planned for later this year. This project is led by Derek Angus, M.D., M.P.H.

Other Critical Care Assembly projects that have been completed in the past several years include an expert workshop on use of colloids in critical care, led by Greg Martin, M.D., M.Sc. (this report was pub-

lished in the *American Journal of Respiratory and Critical Care Medicine* in 2004); the End-of-Life Task Force, led by Paul Lanken, M.D., and Peter Terry, M.D.; and a workshop on radiographic definitions of acute lung injury, led by Gordon Rubenfeld, M.D.

These projects are directly related to the goals of the ATS. The ATS provides strong support for our Assembly's projects. Some support is provided by ATS staff, who assist with organizing meetings, mailings, fundraising, etc. The ATS also provides substantial monetary support for many of our Assembly's projects.

Assembly members are encouraged to organize new projects and to apply for ATS support. New assembly project applications are available at the ATS website at www.thoracic.org. If you would like more information about current and future assembly projects, please contact Roy Brower, M.D., Chair of the Assembly on CC, via e-mail at rbrower@jhmi.edu.

Get Involved in our Assembly

Most members of the ATS look forward to the International Conference because it is a premier opportunity for scientific exchange, clinical updates, renewing past relationships and developing new collaborations. There are many oppor-

tunities for members to stay involved with ATS activities between meetings. Please consider volunteering for one of the Assembly's Committees, for an ongoing Assembly project, or to develop a new Assembly project. Interested par-

ties should send a note to Roy Brower, M.D., Chair of the Assembly on CC, via e-mail at rbrower@jhmi.edu or to Jordi Mancebo, M.D., Assembly CC Chair-Elect via e-mail to jmancebo@santpau.es.

FY2006 Assembly/Committee Project Forms are Available!

For your information, the FY2006 (January 1-December 31, 2006) project application forms for Assembly/Committee projects are now available on the ATS website at:
<http://www.thoracic.org/assemblies/projectform.asp>

Please consider submitting an application for an Assembly/Committee project. If you have an idea for a project application and you need assistance, please contact your Assembly Planning Committee chair Antonio Anzueto, M.D., at anzueto@uthscsa.edu. The timeline for the application and review process follows:
March 2005: FY2006 forms are available

July 18, 2005: Assembly/Committee project applications are due to the ATS office. Late submissions or submissions without proper COI disclosures will not be accepted.

Early-mid August 2005: abridged versions of the proposals will be

posted on the ATS site and emails will be sent to ATS Leadership, Assembly Planning Committee Chairs, Assembly Chairs, ATS Committee Chairs, appropriate ATS staff and the PRS committee, to notify them that the current, unreviewed proposals are available. This will give everyone an opportunity to touch base with any of the applicants if they would like to get involved with a project before it goes to the PRS for review.

August 2005: Assembly Planning Committees will meet via conference call to review appropriate proposals. Any proposal that has indicated on the form that a specific ATS committee may want to become involved will be sent to the ATS committee chair and to the appropriate staff member. Committees are encouraged to work with appropriate ATS staff and review any proposals and to send recommendations to the applicant and to the PRS.

September 2nd 2005: Revised proposals and all reviews from Assem-

blies and Committees are due to ATS office. This includes any proposal that has revisions based on a review by an Assembly Planning Committee or an ATS Committee.

Early October 2005: Program Review Sub-Committee (PRS) meeting

Early November 2005: Program & Budget Committee (P&B) meeting. Recommendations from the PRS will be provided to the P&B Committee. At the discretion of the P&B Committee, specific projects will be added to the FY2006 budget as new items.

December: ATS Board reviews FY 2006 Budget

Please contact Elisha Malanga with any questions at tel: 212/315-8693 or email: emalanga@thoracic.org

ATS 2005 – SAN DIEGO

Sessions Sponsored by the Assembly on Critical Care

POSTGRADUATE COURSES			
<u>Friday, May 20</u>			
PG6	NEW TRENDS IN MECHANICAL VENTILATION -2005	8:00 am	4:00 pm
PG7	DIFFICULT AIRWAY	8:00 am	4:00 pm
<u>Saturday, May 21</u>			
PG14	IMAGING IN THE ICU: CLINICAL AND EXPERIMENTAL PLATFORMS AND STRATEGIES	8:00 am	11:30 am
PG21	IMPACT OF MONITORING ON CLINICAL OUTCOMES IN THE ICU	8:00 am	4:00 pm
SCIENTIFIC SYMPOSIA			
<u>Sunday, May 22</u>			
A4	PATIENT VENTILATOR INTERACTION: UPDATE ON SCIENCE AND PRACTICE	8:15 am	11:00 am
A74	CLINICAL INFORMATION SYSTEMS IN THE ICU: STATE OF THE ART	1:30 pm	4:15 pm
A75	FUTURE PHARMACOLOGICAL THERAPIES FOR ARDS: HOW TO REPAIR THE INJURED LUNG	1:30 pm	4:15 pm
<u>Monday, May 23</u>			
B4	BEYOND ANTIBIOTICS: A NEW LOOK AT VENTILATOR ASSOCIATED PNEUMONIA	8:15 am	11:00 am
B74	OPTIMIZING FLUID THERAPY IN THE ICU	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C4	ADJUNCTIVE THERAPY IN ARDS: WHAT HAPPENS WITH ALL THESE TREATMENTS?	8:15 am	11:00 am
C74	MECHANISMS OF ORGAN DYSFUNCTION DURING SEVERE SEPSIS	1:30 pm	4:15 pm
<u>Wednesday, May 25</u>			
D4	PROVIDING NONINVASIVE VENTILATION: A PRACTICAL APPROACH	8:15 am	11:00 am
D74	THEORY AND PRACTICE: MANAGING THE BRAIN ON MECHANICAL VENTILATION	1:30 pm	4:15 pm
SUNRISE SEMINARS			
<u>Monday, May 23</u>			
SS111	MAKING IT BETTER: PRACTICAL TOOLS FOR IMPROVING END-OF-LIFE CARE IN THE ICU	7:00 am	8:00 am
<u>Tuesday, May 24</u>			
SS212	MANAGEMENT OF THE ORGAN DONOR	7:00 am	8:00 am
<u>Wednesday, May 25</u>			
SS313	INTENSIVE CARE OF THE CARDIAC SURGERY PATIENT - AN UPDATE	7:00 am	8:00 am
MEET THE PROFESSOR SEMINARS			
<u>Sunday, May 22</u>			
MP411	SEEING IS BELIEVING: DIRECT VISUALIZATION OF ALVEOLI DURING MECHANICAL VENTILATION	12:00 noon	1:00 pm
<u>Monday, May 23</u>			
MP514	MANAGEMENT DILEMMAS AT THE END OF LIFE	12:00 noon	1:00 pm
<u>Tuesday, May 24</u>			
MP611	SEDATION SCALE AND DELIRIUM MONITORING IN CRITICALLY ILL PATIENTS: IMPLEMENTING VALIDATED TOOLS IN THE ICU	12:00 noon	1:00 pm

ATS 2005 – SAN DIEGO

Sessions Sponsored by the Assembly on Critical Care Cont'd

MINI SYMPOSIA			
<u>Sunday, May 22</u>			
A84	ARDS: PREDISPOSITION TO LONG TERM OUTCOME	1:30 pm	4:15 pm
<u>Monday, May 23</u>			
B13	CLINICAL TRIALS IN CRITICAL CARE	8:15 am	11:00 am
B84	MOLECULAR AND CELLULAR MECHANISMS OF SEPSIS	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C84	SEDATION IN THE ICU	1:30 pm	4:15 pm
<u>Wednesday, May 25</u>			
D15	PATIENT-VENTILATOR INTERACTIONS	8:15 am	11:00 am

POSTER DISCUSSION SESSIONS			
<u>Sunday, May 22</u>			
A23	NUTRITION, GLUCOSE, AND INSULIN IN THE ICU	8:15 am	11:00 am
A24	SEPSIS/MECHANISMS, MARKERS AND THERAPIES	8:15 am	11:00 am
<u>Monday, May 23</u>			
B24	VENTILATOR-INDUCED LUNG INJURY - NEW INSIGHTS	8:15 am	11:00 am
B94	STRATEGIES TO VENTILATE PATIENTS WITH ALI	1:30 pm	4:15 pm
<u>Tuesday, May 24</u>			
C24	THE PROCESS OF ICU CARE	8:15 am	11:00 am
C93	ADVANCES IN NONINVASIVE VENTILATION	1:30 pm	4:15 pm
<u>Wednesday, May 25</u>			
D95	THE BIOLOGY OF ACUTE LUNG INJURY	1:30 pm	4:15 pm

THEMATIC POSTER SESSIONS			
<u>Sunday, May 22</u>			
A45	ACUTE LUNG INJURY: MECHANISMS I	8:15 am	4:15 pm
A46	ACUTE LUNG INJURY: MECHANISMS II	8:15 am	4:15 pm
A47	SEPSIS - EPIDEMIOLOGY, PREDICTORS AND ICU INFECTIONS	8:15 am	4:15 pm
A48	ICU MARKERS AND OUTCOMES	8:15 am	4:15 pm
A49	WEANING PREDICTORS AND OUTCOMES/RESPIRATORY MUSCLES	8:15 am	4:15 pm
<u>Monday, May 23</u>			
B49	CARDIOPULMONARY INTERACTIONS AND HEMODYNAMIC MONITORING	8:15 am	4:15 pm
B50	ICU MANAGEMENT AND OUTCOME	8:15 am	4:15 pm
B51	ALI/ARDS: CLINICAL STUDIES	8:15 am	4:15 pm
B52	MECHANICAL VENTILATION: ADJUNCTIVE THERAPIES	8:15 am	4:15 pm
<u>Tuesday, May 24</u>			
C40	ICU MONITORING AND DIAGNOSTIC TECHNIQUES	8:15 am	4:15 pm
C41	MECHANICAL VENTILATION: LONG-TERM/OUTCOMES	8:15 am	4:15 pm

Assembly on Critical Care Website (www.thoracic.org)

The ATS website, www.thoracic.org, contains enormous amounts of useful information for clinicians, researchers and the lay public. The Assembly on CC section of the ATS website specifically features scientific statements, practice guidelines, literature reviews, a critical care journal club, an educational primer on pulmonary artery catheters and information for patients and families. Recently added material includes evidence-based guidelines, an atlas of critical care procedures, critical care research and critical care ethics. A primer on mechanical ventilation will be

added soon. The Assembly on CC's section of the website alone had 36,864 unique visitors in 2004 and nearly 12,000 visitors in just the first three months of 2005.

Assembly members are strongly encouraged to visit these pages, become familiar with their contents and tell others about this valuable resource (membership in the ATS is not required to view these pages). Many thanks are due to Ogie Gajic, M.D., who has been our website director since May 2003. Ogie's team of web assistants includes Thomas Belda, R.R.T.,

Cons Manthous, M.D. (who formerly served as web director for the Assembly on CC), Michael Pinsky, M.D., Marc Moss, M.D., Ivor Douglas, M.D., Manu Jain, M.D., Otis Rickman, M.D., Emir Festic, M.D., John McArdle, M.D., Marcus Schultz, M.D., Ph.D., and Ellen Burnham, M.D. They have worked very hard to make many additions and improvements, making these web pages a very useful and frequently-visited site. Please visit the Assembly on CC section of the website soon and send your feedback to Ogie and his website team.

Assembly on Critical Care Committees and Officers

Assembly Chair:

Roy Brower, M.D. (2003-2005)

Assembly Chair-Elect:

Jordi Mancebo, M.D. (2005-2007)

Assembly Past Chair:

Rolf Hubmayr, M.D. (2001-2003)

Planning Committee Chair:

Antonio Anzueto, M.D. (2004-2006)

Program Committee Chair:

Nicholas Hill, M.D.

Program Committee Chair-elect:

Scott Epstein, M.D.

International Affairs Committee Chair:

Elisa Estenssoro, M.D.

International Consensus Conferences Chairs:

Taylor Thompson, M.D. and Amal Jubran, M.D.

Nominating Committee Chair:

Jesse Hall, M.D.

Critical Care Web Director:

Ognjen Gajic, M.D.

Complete listings of the Assembly on CC Committee members are available on our section of the website at www.thoracic.org/criticalcare/default.asp.

I hope to see you in San Diego!

Best wishes to all—
Roy Brower, M.D.

Chair, ATS Assembly on Critical Care

Patients to Speak At Fourteen Designated ATS International Conference Symposia

The Public Advisory Roundtable (PAR) has selected patients to provide a patient perspective at four-

teen of the 2005 ATS International Conference Symposia. This concept has worked exceptionally

well within the format of the PAR Symposia for the last three years

(Continued on page 7)

Patients to Speak At Fourteen Designated ATS International Conference Symposia

(Continued from page 6)

and at nine ATS symposia at the 2004 International Conference in Orlando.

This is the second year that patient speakers will participate within the Assemblies' Symposia. The patients will make a five-minute presentation at the symposia to offer

insight into their personal journeys; to address their diagnosis, treatment, and how the disease has dramatically altered their lifestyles, family, career and relationships. They will share their insight into what patients would like physicians and researchers to know about physician/patient relationships;

and the importance and relevance of the work in which investigators and researchers are engaged.

The symposia at which a patient-perspective will be presented are listed below:

ASSEMBLY	SESSION CODE	SESSION TITLE	DATE/TIME
AII	B7	Severe Asthma: Advancing Our Understanding of a Distinct Phenotype	Monday, May 23 8:15 am-11:00 am
BS	A6	What are the Causes of Health Disparities in Lung Diseases and What Can We do About Them?	Sunday, May 22 8:15 am-11:00 am
CP	C3	Sarcoidosis: How to Manage the Difficult Clinical Problems	Tuesday, May 24 8:15 am-11:00 am
CP	B72	The Scleroderma Lung Study: Lessons for Interstitial Lung Disease	Monday, May 23 1:30 pm-4:15 pm
CC	D74	Theory and Practice: Managing the Brain in Mechanically Ventilated Patients	Wednesday, May 25 1:30 pm-4:15 pm
EOH	A77	Sex and Gender Issues in Obstructive Lung Disease	Sunday, May 22 1:30 pm-4:15 pm
MTPI	D7	Airway Infections: Pathogenesis and Consequences	Wednesday, May 25 8:15 am-11:00 am
NRSG	B5	Tobacco Addiction and Treatment: Current and Emerging Findings from Bench to Behavior	Monday, May 23 8:15 am-11:00 am
NRSG	D77	Innovative Physiological Interventions in Pulmonary Rehabilitation	Wednesday, May 25 1:30 pm-4:15 pm
PED	D5	Respiratory Care of the Patient with Neuromuscular Weakness	Wednesday, May 25 8:15 am-11:00 am
PED	B9	New Developments and Advances in Pediatric Interstitial Lung Disease	Monday, May 23 8:15 am-11:00 am
PC	C10	Pro-Con Debates in Pulmonary Arterial Hypertension	Tuesday, May 24 8:15 am-11:00 am
RCMB	C8	Targeting Lung Cancer: Novel Molecular Targets and Treatment Strategies	Tuesday, May 24 8:15 am-11:00 am
RNS	A8	Moving Toward Best Practice: Where Does the Diagnosis and Treatment Of Sleep Apnea Fit in the Care of Heart Failure?	Sunday, May 22 8:15 am-11:00 am

PAR Symposium

The Public Advisory Roundtable (PAR) is pleased to announce the fourth PAR Symposium to be pre-

sented at the ATS International Conference in San Diego on Wednesday, May 25, 2005, from

8:15-11:00 a.m. Dr. Homer Boushy and Dr. John D. Newell will

(Continued on page 8)

PAR Symposium Cont'd

(Continued from page 7)

Chair the PAR Symposium "Imaging the Lungs in Research and Care". The PAR is excited to present the following speakers:

Charles White, MD - "Keynote Address -New Technologies applied to an Understanding of Lung Disease"

Michael Gotway, MD - "Radiologic-Anatomic Correlations"

John Newell, MD - "Quantitative CT scanning in longitudinal studies of emphysema"

Jim Hogg, MD - "The nature of small-airway obstruction in chronic obstructive pulmonary disease"

Jonathan Goldin, MD, PhD - "Radiologic Assessment of interstitial pulmonary fibrosis"

David L. Levin MD, PhD - "MR imaging of Pulmonary Blood Flow"

Eric Hoffman, PhD - "Regional Characterization of Lung Structure and Function via Micro and Multidetector CT: New Views for New Insights"

Asgar Dirksen, MD, PhD - "Repeatability of lung density measurements with low-dose CT"

Three patients will share their experience by describing their personal journey with their specific

illness. Our goal is to increase the awareness of physicians and researchers to the major life challenges and alterations faced by patients with a serious and sometimes little known disorder. PAR's Annual Poster Session will be open from Sunday, May 22 until Wednesday, May 25, 2005 at the Center Terrace of the San Diego Convention Center. Public Interest Organizations (PIO's) concerned with lung and sleep disorders will present information about their organizations. A representative from each organization will be present at the poster session to provide additional information.

ASSEMBLY ON CRITICAL CARE MEMBERSHIP MEETING

MONDAY, MAY 23, 2005
4:30PM-6:30PM

MANCHESTER GRAND HYATT
RANDLE BALLROOM E
(LEVEL 4)